

JH
12

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/522,074A
Source: PT
Date Processed by STIC: 2/9/06

ENTERED



P<1

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/522,074A

DATE: 02/09/2006

TIME: 12:20:20

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\02012006\J522074A.raw

3 <110> APPLICANT: Sleep, Darrell
5 <120> TITLE OF INVENTION: Gene and Polypeptide Sequences
7 <130> FILE REFERENCE: P30,358 USA
9 <140> CURRENT APPLICATION NUMBER: US 10/522,074A
10 <141> CURRENT FILING DATE: 2005-01-21
12 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003273
13 <151> PRIOR FILING DATE: 2003-07-23
15 <150> PRIOR APPLICATION NUMBER: GB 0217033.0
16 <151> PRIOR FILING DATE: 2002-07-23
18 <160> NUMBER OF SEQ ID NOS: 40
20 <170> SOFTWARE: SeqWin99
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 5
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Synthetic polypeptide leader sequence
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32 <222> LOCATION: 1
33 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
35 <220> FEATURE:
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43 <223> OTHER INFORMATION: CAN BE EITHER Leu OR Val OR Ala OR Met
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55 <400> SEQUENCE: 1
56 Xaa Xaa Xaa Xaa Xaa
57 1 5
59 <210> SEQ ID NO: 2
60 <211> LENGTH: 5
61 <212> TYPE: PRT

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62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Synthetic polypeptide leader sequence
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-> 88 Phe Xaa Xaa Xaa
89 1 5
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-> 120 Xaa Ile Xaa Xaa
121 1 5
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Input Set : A:\PTO.KD.txt
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125 <212> TYPE: PRT
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128 <220> FEATURE:
129 <223> OTHER INFORMATION: Synthetic polypeptide leader sequence
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133 <222> LOCATION: 1
134 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
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174 <221> NAME/KEY: MISC_FEATURE
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176 <223> OTHER INFORMATION: CAN BE EITHER Leu OR Val OR Ala OR Met
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179 <221> NAME/KEY: MISC_FEATURE
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181 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Val OR Ala OR Met
183 <400> SEQUENCE: 5
-> 184 Xaa Xaa Xaa Ser Xaa
185 1 5
187 <210> SEQ ID NO: 6

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Input Set : A:\PTO.KD.txt
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193 <223> OTHER INFORMATION: Synthetic polypeptide leader sequence
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201 <221> NAME/KEY: MISC_FEATURE
202 <222> LOCATION: 2
203 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
205 <220> FEATURE:
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217 1 5
219 <210> SEQ ID NO: 7
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224 <220> FEATURE:
225 <223> OTHER INFORMATION: Synthetic polypeptide leader sequence
227 <400> SEQUENCE: 7
228 Phe Ile Val Ser Ile
229 1 5
231 <210> SEQ ID NO: 8
232 <211> LENGTH: 4
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Synthetic polypeptide secretion pre-sequence
239 <400> SEQUENCE: 8
240 Met Lys Trp Val
241 1
243 <210> SEQ ID NO: 9
244 <211> LENGTH: 9
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Synthetic polypeptide secretion pre-sequence
251 <400> SEQUENCE: 9

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Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\02012006\J522074A.raw

252 Leu Phe Leu Phe Ser Ser Ala Tyr Ser
253 1 5
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256 <211> LENGTH: 9
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258 <213> ORGANISM: Artificial Sequence
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261 <223> OTHER INFORMATION: Synthetic polypeptide secretion pre-sequence
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265 <222> LOCATION: 1
266 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
268 <220> FEATURE:
269 <221> NAME/KEY: MISC_FEATURE
270 <222> LOCATION: 2
271 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
273 <220> FEATURE:
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276 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
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300 <222> LOCATION: 8
301 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
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305 <222> LOCATION: 9
306 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr OR Gly OR Tyr OR Ala
308 <400> SEQUENCE: 10
-> 309 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
310 1 5
312 <210> SEQ ID NO: 11
313 <211> LENGTH: 15

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/522,074A

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Input Set : A:\PTO.KD.txt
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Please Note:

Some of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> <223> fields of each sequence which presents at least one n or Xaa.

g#:1; Xaa Pos. 1,2,3,4,5
g#:2; Xaa Pos. 2,3,4,5
g#:3; Xaa Pos. 1,3,4,5
g#:4; Xaa Pos. 1,2,4,5
g#:5; Xaa Pos. 1,2,3,5
g#:6; Xaa Pos. 1,2,3,4
g#:10; Xaa Pos. 1,2,3,4,5,6,7,8,9
g#:12; Xaa Pos. 5,6,7,8,9
g#:13; Xaa Pos. 5,6,7,8,9
g#:14; Xaa Pos. 5,6,7,8,9
g#:15; N Pos. 2,3,4,5,6,7,8,9,10,11,12,13,14,15
g#:16; N Pos. 9,10,11,12
g#:17; N Pos. 2,3,4,5,6,7,8,9,10,13,14,15
g#:29; Xaa Pos. 1,2,3,5
g#:31; Xaa Pos. 5,6,7,8,9
g#:33; Xaa Pos. 2,3,4

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/522,074A

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Input Set : A:\PTO.KD.txt

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56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0